

Please replace the paragraph beginning at page 23, line 13 with the following rewritten paragraph:

A7
-- These methods are described in commonly owned U.S. Patent Application Serial No. 09/616,811, filed on even date herewith, and entitled "Methods of Making A Superconductor," which is hereby incorporated by reference. --

Please replace the paragraph beginning at page 27, line 8 with the following rewritten paragraph:

A8
-- More details are provided in commonly owned U.S. Patent Application Serial No. 09/616,566, filed on even date herewith, and entitled "Control of Oxide Layer Reaction Rates," which is hereby incorporated by reference. --

In the claims:

~~Cancel~~ claims 32 and 33.

Amend claim 1 as follows.

A9
--1. (Once Amended) A multi-layer high temperature superconductor, comprising:
a first high temperature superconductor coated element, comprising:
a first substrate;
at least one first buffer deposited on the first substrate;
at least one first high temperature superconductor layer supported by the first
buffer; and
a first cap layer supported by the first high temperature superconductor layer; and
a second high temperature superconductor coated element, comprising:
a second substrate;
at least one second buffer deposited on the second substrate;
at least one second high temperature superconductor layer supported by the
second buffer; and